



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 1:56 pm, Apr 20, 2015

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 0904801 Oakview MO	PRINTER SN 097.3584.332	DATE OF INSPECTION 03/04/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 6404 N. Locust, Oakview MO 64118 Oakview City Hall		TIME OF INSPECTION 10:01 pm

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories LOT # 14220 EXP. DATE 09/24/2016

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 093752 SIMULATOR EXP DATE 03/11/2015

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- ☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .097

TEST 2 .095

TEST 3 .096

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Monthly test for Mar/2015 performed monthly maintenance.

INSPECTING OFFICER

SIGNATURE

PRINT NAME

D. Littlejohn #230074

TYPE II PERMIT NUMBER/EXPIRATION DATE

230074-04/26/2015

TELEPHONE NUMBER

(816) 436-9150

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 2016 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08051301 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00312
Temp Date Time 210L
s/

Air Blank:
03/04/15 22:08 .000
Calibration Check:
22 03/04/15 22:08 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00308
Temp Date Time 210L
s/

Air Blank:
03/04/15 22:01 .000
Calibration Check:
18 03/04/15 22:01 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00309
Temp Date Time 210L
s/

Air Blank:
03/04/15 22:02 .000
Calibration Check:
19 03/04/15 22:02 .095

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00314
Temp Date Time 210L
s/

UOII: KFI
12 03/04/15 22:17

Subject Name

Subject I.D.

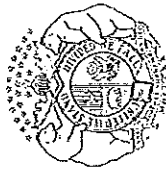
Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B
TEST RECORD 00315
Temp Date Time 210L
s/

Air Blank:
03/04/15 22:18 .000
Subject Test: Auto
22 03/04/15 22:18 .000

Subject Name
Subject I.D.
Operator Name, I.D.
Location



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

2

PERMIT
TYPE II

DWON LITTLEJOHN

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER, INTOXILYZER 5000

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 04/26/2013

NUMBER 230074

EXPIRES 04/26/2015

MO 580-0771 (5-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAG-4 (06-10)